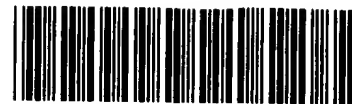


Re-run

10/23



#2

CRF

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/904,603

DATE: 12/12/2002

TIME: 14:24:15

Input Set : N:\paola\US09904603.raw

Output Set: N:\CRF4\12122002\I904603.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: Hillman, Jennifer L.

3 Goli, Surya K.

4 (ii) TITLE OF INVENTION: NOVEL MICROTUBULE-ASSOCIATED PROTEIN

5 (iii) NUMBER OF SEQUENCES: 3

6 (iv) CORRESPONDENCE ADDRESS:

7 (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.

8 (B) STREET: 3174 Porter Drive

9 (C) CITY: Palo Alto

10 (D) STATE: CA

11 (E) COUNTRY: USA

12 (F) ZIP: 94304

13 (v) COMPUTER READABLE FORM:

14 (A) MEDIUM TYPE: Diskette

15 (B) COMPUTER: IBM Compatible

16 (C) OPERATING SYSTEM: DOS

17 (D) SOFTWARE: FastSEQ for Windows Version 2.0

18 (vi) CURRENT APPLICATION DATA:

C--> 19 (A) APPLICATION NUMBER: US/09/904,603

C--> 20 (B) FILING DATE: 12-Jul-2001

21 (C) CLASSIFICATION:

22 (vii) PRIOR APPLICATION DATA:

23 (A) APPLICATION NUMBER: 08/805,117

24 (B) FILING DATE:

25 (viii) ATTORNEY/AGENT INFORMATION:

26 (A) NAME: Billings, Lucy J.

27 (B) REGISTRATION NUMBER: 36,749

28 (C) REFERENCE/DOCKET NUMBER: PF-0211 US

29 (ix) TELECOMMUNICATION INFORMATION:

30 (A) TELEPHONE: 415-855-0555

31 (B) TELEFAX: 415-845-4166

32 (C) TELEX:

33 (2) INFORMATION FOR SEQ ID NO: 1:

34 (i) SEQUENCE CHARACTERISTICS:

35 (A) LENGTH: 121 amino acids

36 (B) TYPE: amino acid

37 (C) STRANDEDNESS: single

38 (D) TOPOLOGY: linear

39 (vii) IMMEDIATE SOURCE:

40 (A) LIBRARY: THYRNOT03

41 (B) CLONE: 144378

42 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/904,603

DATE: 12/12/2002

TIME: 14:24:15

Input Set : N:\paola\US09904603.raw

Output Set: N:\CRF4\12122002\I904603.raw

```

43      Met Pro Ser Asp Arg Pro Phe Lys Gln Arg Arg Ser Phe Ala Asp Arg
44      1          5          10          15
45      Cys Lys Glu Val Gln Gln Ile Arg Asp Gln His Pro Ser Lys Ile Pro
46      20          25          30
47      Val Ile Ile Glu Arg Tyr Lys Gly Glu Lys Gln Leu Pro Val Leu Asp
48      35          40          45
49      Lys Thr Lys Phe Leu Val Pro Asp His Val Asn Met Ser Glu Leu Val
50      50          55          60
51      Lys Ile Ile Arg Arg Arg Arg Leu Gln Leu Asn Pro Thr Gln Ala Phe Phe
52      65          70          75          80
53      Leu Leu Val Asn Gln His Ser Met Val Ser Val Ser Thr Pro Ile Ala
54      85          90          95
55      Asp Ile Tyr Glu Gln Glu Lys Asp Glu Asp Gly Phe Leu Tyr Met Val
56      100         105         110
57      Tyr Ala Ser Gln Glu Thr Phe Gly Phe
58      115         120

```

60 (2) INFORMATION FOR SEQ ID NO: 2:

61 (i) SEQUENCE CHARACTERISTICS:

62 (A) LENGTH: 640 base pairs

63 (B) TYPE: nucleic acid

64 (C) STRANDEDNESS: single

65 (D) TOPOLOGY: linear

66 (vii) IMMEDIATE SOURCE:

67 (A) LIBRARY: THYRNOT03

68 (B) CLONE: 1441378

69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

```

70      CTCCCGCAGC CGCAGCCGCC GTGCTCAGCG CGAGCCCCGG AGCCCTTGAG CGCGAGGCGC      60
71      GGAGCCCCGG AGCCCCCAA CCGCAGACAC ATCCCCGCGC CCCAGAGCCC CGGCCTGCGC      120
72      GCCCAGCCGG GCCCGCGCGA TGCCCTCAGA CCGGCCTTTC AAGCAGCGGC GGAGCTTCGC      180
73      CGACCGCTGT AAGGAGGTAC AGCAGATCCG CGACCAGCAC CCCAGCAAAA TCCCGGTGAT      240
74      CATCGAGCGC TACAAGGGTG AGAAGCAGCT GCCCGTCCTG GACAAGACCA AGTTTTTGGT      300
75      CCCGGACCAT GTCAACATGA GCGAGTTGGT CAAGATCATC CGGCGCCGCC TGCAGCTGAA      360
76      CCCCACGCAG GCCTTCTTCC TGCTGGTGAA CCAGCACAGC ATGGTGAGTG TGTCACGCC      420
77      CATCGCGGAC ATCTACGAGC AGGAGAAAGA CGAGGACGGC TTCCTCTATA TGGTCTACGC      480
78      CTCCCAGGAA ACCTTCGGCT TCTGAGCCAG CAGTAGGGGG GCTCGGCCTG GGAGTCGGGG      540
79      GGCCCCGGTC AGGCCCTGCC CAGAGAGCTT CTGGTTCCTG AACTGAGCTG CCTCTACCGT      600
80      GGTGGGCTGG GCAGGCATGT GCCCCCCTAG TCAGAGGGCA      640

```

82 (2) INFORMATION FOR SEQ ID NO: 3:

83 (i) SEQUENCE CHARACTERISTICS:

84 (A) LENGTH: 142 amino acids

85 (B) TYPE: amino acid

86 (C) STRANDEDNESS: single

87 (D) TOPOLOGY: linear

88 (vii) IMMEDIATE SOURCE:

89 (A) LIBRARY: GenBank

90 (B) CLONE: 455109

91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

```

92      Met Pro Ser Glu Lys Thr Phe Lys Gln Arg Arg Ser Phe Glu Gln Arg
93      1          5          10          15

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/904,603

DATE: 12/12/2002

TIME: 14:24:15

Input Set : N:\paola\US09904603.raw

Output Set: N:\CRF4\12122002\I904603.raw

```

94      Val Glu Asp Val Arg Leu Ile Arg Glu Gln His Pro Thr Lys Ile Pro
95                20                      25                      30
96      Val Ile Ile Glu Arg Tyr Lys Gly Glu Lys Gln Leu Pro Val Leu Asp
97                35                      40                      45
98      Lys Thr Lys Phe Leu Val Pro Asp His Val Asn Met Ser Glu Leu Ile
99                50                      55                      60
100     Lys Ile Ile Arg Arg Arg Leu Gln Leu Asn Ala Asn Gln Ala Phe Phe
101        65                      70                      75                      80
102     Leu Leu Val Asn Gly His Ser Met Val Ser Val Ser Thr Pro Ile Ser
103                85                      90                      95
104     Glu Val Tyr Glu Ser Glu Arg Asp Glu Asp Gly Phe Leu Tyr Met Val
105                100                     105                     110
106     Tyr Ala Ser Gln Glu Thr Phe Gly Thr Ala Leu Ala Val Thr Tyr Met
107                115                     120                     125
108     Ser Ala Leu Lys Ala Thr Ala Thr Gly Arg Glu Pro Cys Leu
109        130                      135                      140

```

VERIFICATION SUMMARYPATENT APPLICATION: **US/09/904,603**

DATE: 12/12/2002

TIME: 14:24:16

Input Set : **N:\paola\US09904603.raw**Output Set: **N:\CRF4\12122002\I904603.raw**

L:19 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:20 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]